

Detailed Estimate

OD/346/3308/116294/394241/00110323 : Const of road Abjhuna GP Office to Chaitanya Patra house
Block : Simulia, Gram Panchayat : Abjhuna
Created By: Bhakta Ranjan Mohanty

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	70.600	0.225	0.150	0.000	4.766	-
ii	Base Cutting	1.000	14.000	0.350	0.100	0.000	0.490	-
Total Quantity					5.2555 cum (cum)		5.2555 Cum (Cubic Meter)	
Amount					5.2555 X 240.77592		1265.40	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	70.600	0.225	0.050	0.000	1.589	-
ii	Rd Base	1.000	70.600	2.000	0.090	0.000	12.708	-
Total Quantity					14.2965 cum (cum)		14.2965 Cum (Cubic Meter)	
Amount					14.2965 X 1493.995232		21358.90	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	70.600	0.225	0.280	0.000	8.896	-
ii	Rd Base	1.000	70.600	2.000	0.090	0.000	12.708	-

Total Quantity	21.6036 cum (cum)	21.6036 Cum (Cubic Meter)
Amount	21.6036 X 6105.90361726	131909.50

4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Rd Base	1.000	70.600	2.450	0.090	0.000	15.567	-
Total Quantity			15.5673 cum (cum)			15.5673 Cum (Cubic Meter)		
Amount			15.5673 X 7740.18727962			120493.82		

5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	70.600	0.000	0.180	2.000	50.832	-
ii	Rd Base	1.000	70.600	0.000	0.090	2.000	12.708	-
Total Quantity			63.54 Sqm (Sqm)			63.54 Sqm (Square Meter)		
Amount			63.54 X 216.23489289764			13739.57		

Total Amount (A) : 288767.18

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.3232	Vibrator Hire charge & Expansion Joint	3232

Additional Components Amount (F) : 11232

Grand Total Amount (A + F) : 299999.18260043

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**SAROJ TIGGA
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**Sunil Kumar Tudu
BDO
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